

FIG. 2

POSITIVE PHASE

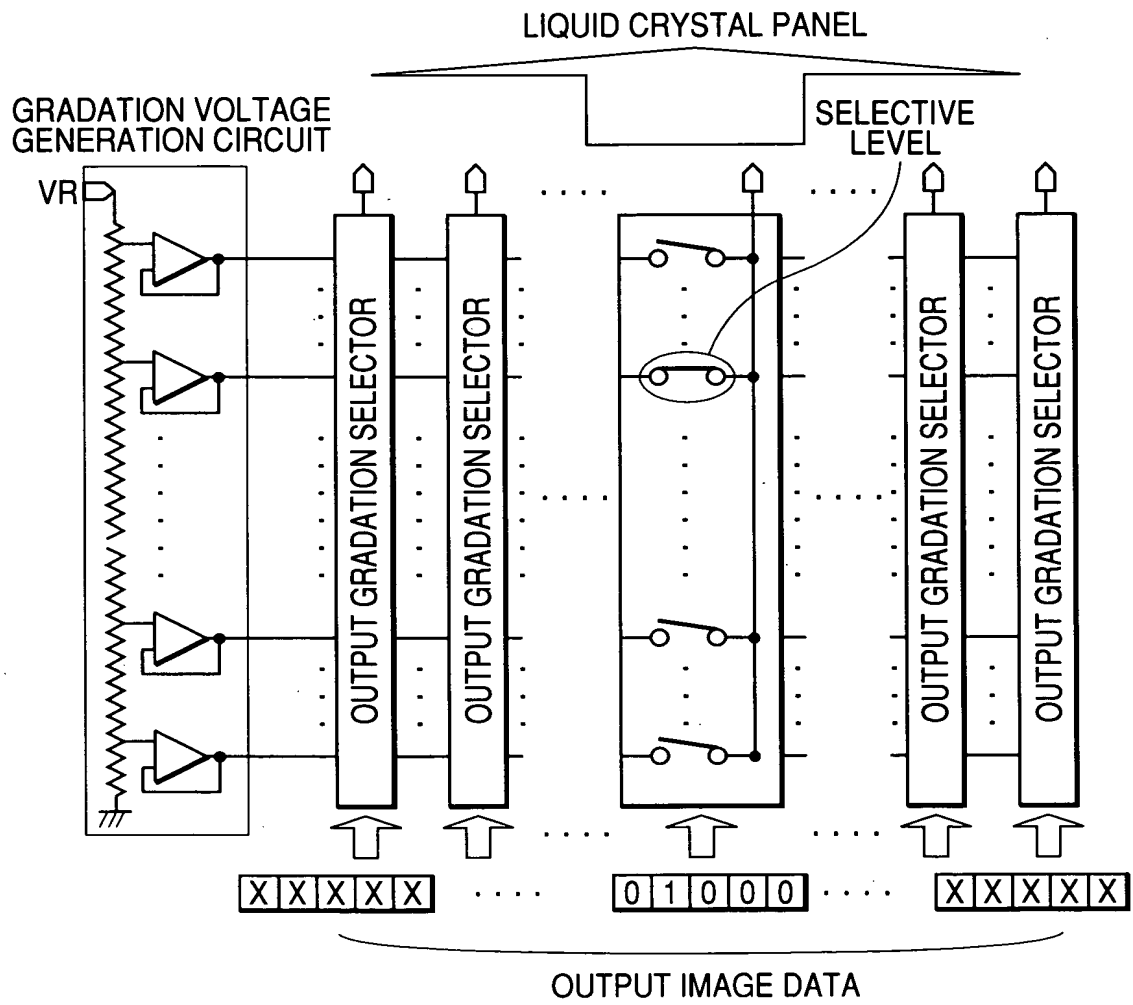


FIG. 3

NEGATIVE PHASE

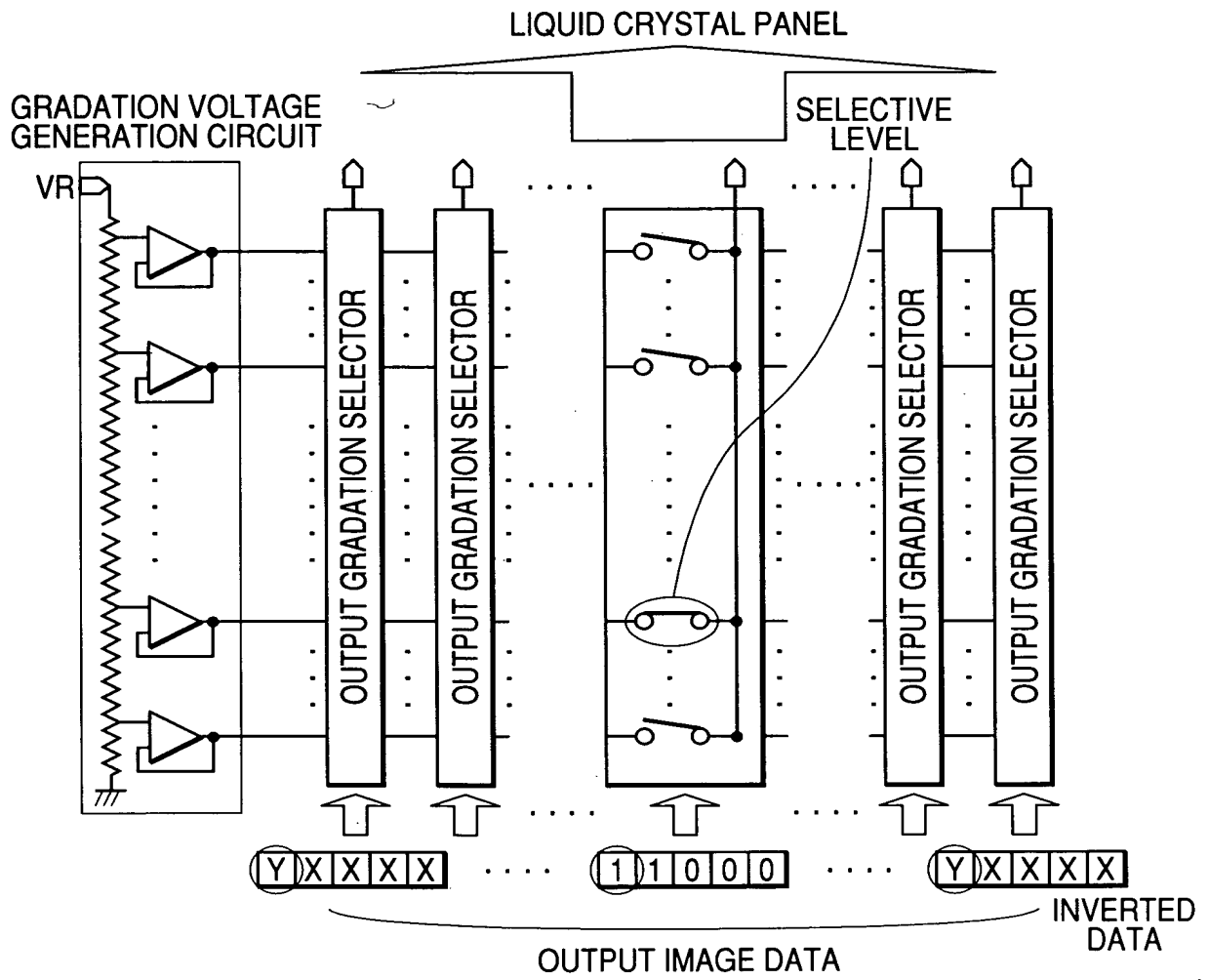
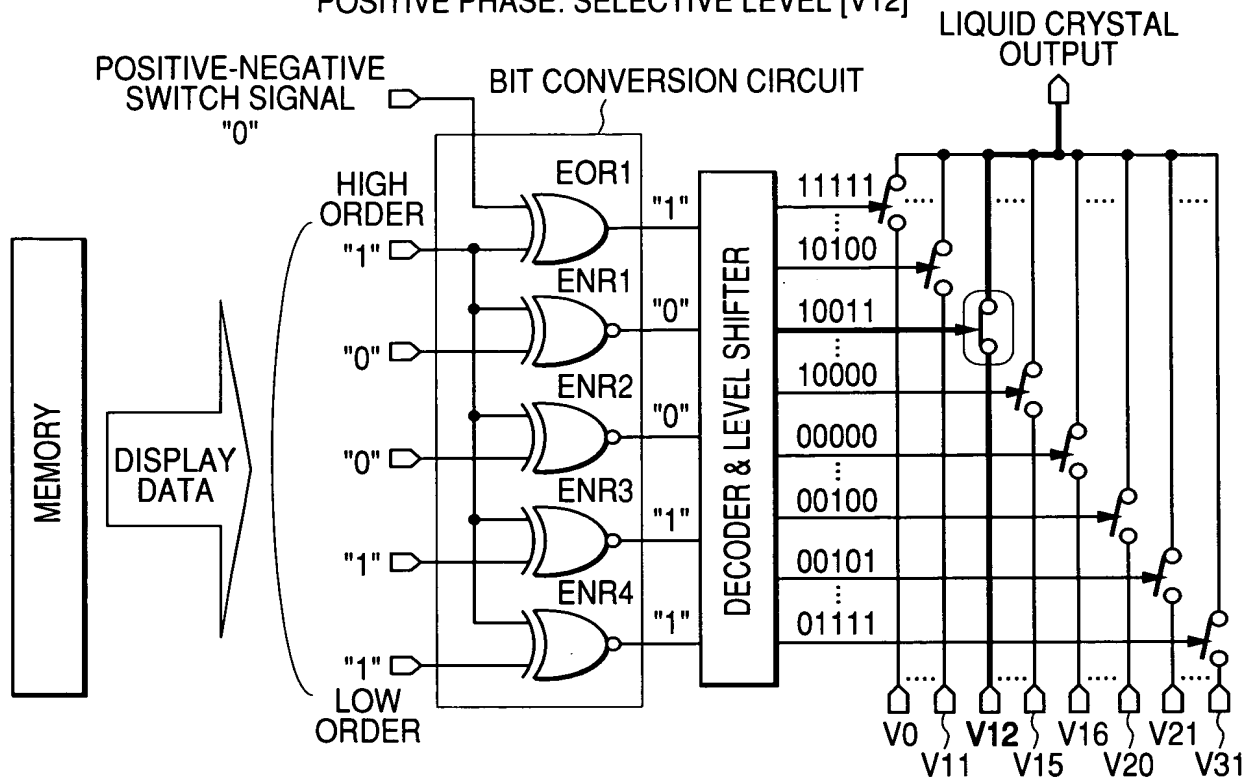


FIG. 4

POSITIVE PHASE: SELECTIVE LEVEL [V12]

**FIG. 5**

NEGATIVE PHASE: SELECTIVE LEVEL [V19]

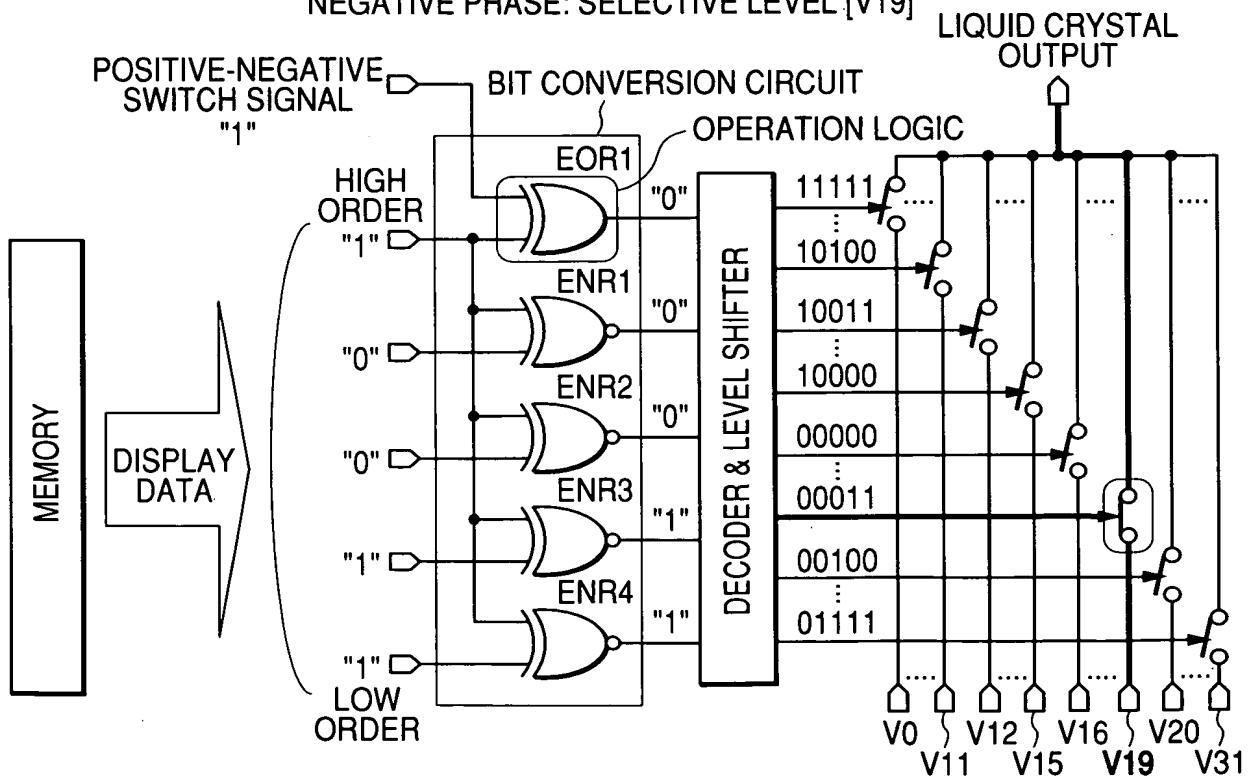


FIG. 6

GRADATION	DISPLAY DATA IN DISPLAY MEMORY	POSITIVE PHASE		NEGATIVE PHASE	
		DATA BIT	SELECTIVE LEVEL	DATA BIT	SELECTIVE LEVEL
GRADATION 0	11111	11111	V0	01111	V31
GRADATION 1	11110	11110	V1	01110	V30
GRADATION 2	11101	11101	V2	01101	V29
GRADATION 3	11100	11100	V3	01100	V28
GRADATION 4	11011	11011	V4	01011	V27
GRADATION 5	11010	11010	V5	01010	V26
GRADATION 6	11001	11001	V6	01001	V25
GRADATION 7	11000	11000	V7	01000	V24
GRADATION 8	10111	10111	V8	00111	V23
GRADATION 9	10110	10110	V9	00110	V22
GRADATION 10	10101	10101	V10	00101	V21
GRADATION 11	10100	10100	V11	00100	V20
GRADATION 12	10011	10011	V12	00011	V19
GRADATION 13	10010	10010	V13	00010	V18
GRADATION 14	10001	10001	V14	00001	V17
GRADATION 15	10000	10000	V15	00000	V16
GRADATION 16	01111	00000	V16	10000	V15
GRADATION 17	01110	00001	V17	10001	V14
GRADATION 18	01101	00010	V18	10010	V13
GRADATION 19	01100	00011	V19	10011	V12
GRADATION 20	01011	00100	V20	10100	V11
GRADATION 21	01010	00101	V21	10101	V10
GRADATION 22	01001	00110	V22	10110	V9
GRADATION 23	01000	00111	V23	10111	V8
GRADATION 24	00111	01000	V24	11000	V7
GRADATION 25	00110	01001	V25	11001	V6
GRADATION 26	00101	01010	V26	11010	V5
GRADATION 27	00100	01011	V27	11011	V4
GRADATION 28	00011	01100	V28	11100	V3
GRADATION 29	00010	01101	V29	11101	V2
GRADATION 30	00001	01110	V30	11110	V1
GRADATION 31	00000	01111	V31	11111	V0

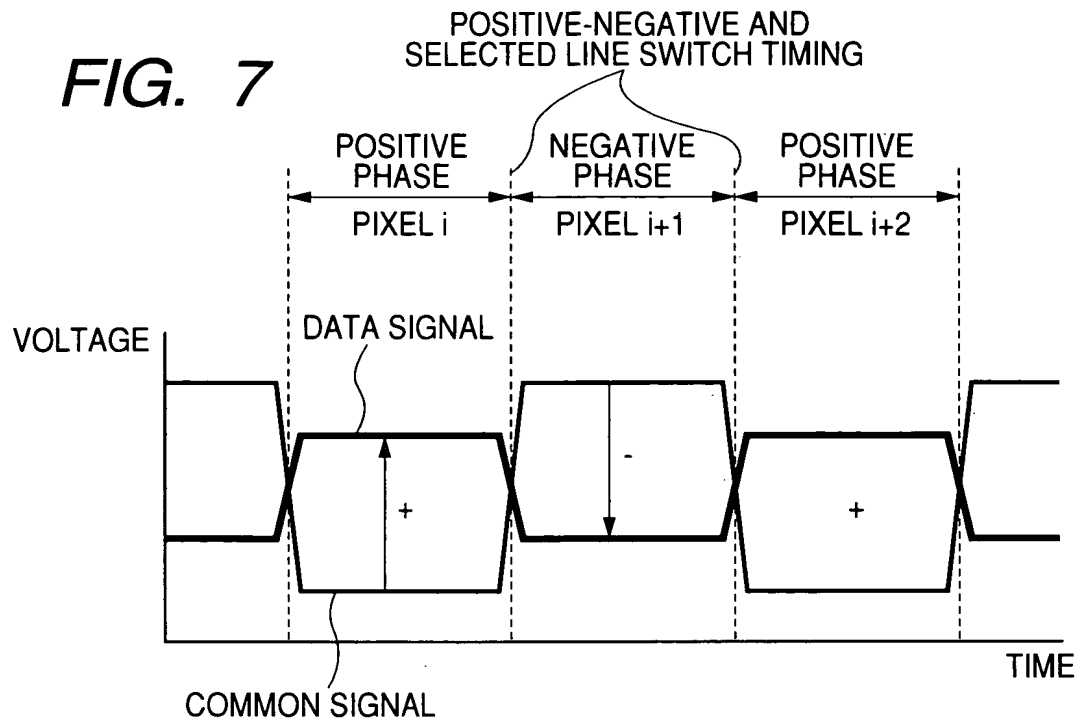
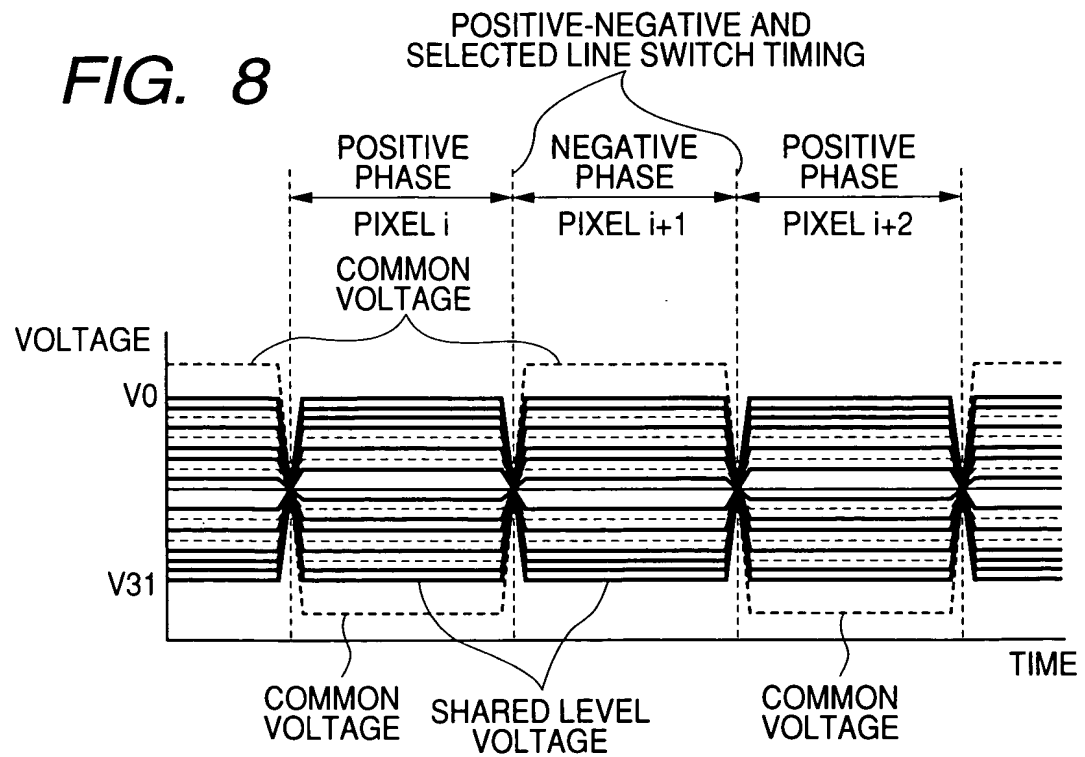
FIG. 7**FIG. 8**

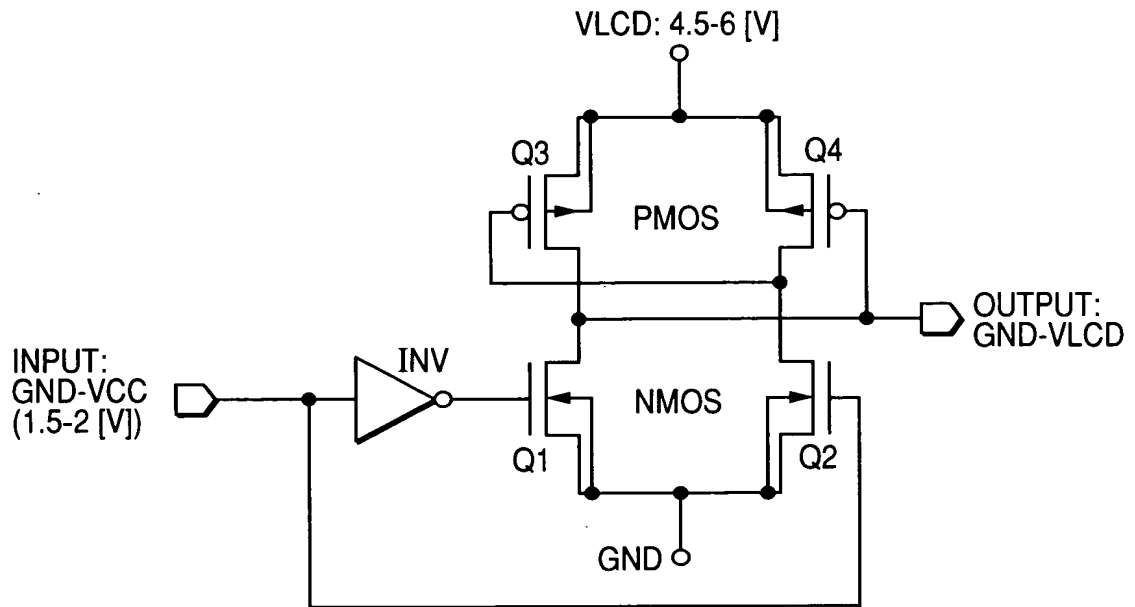
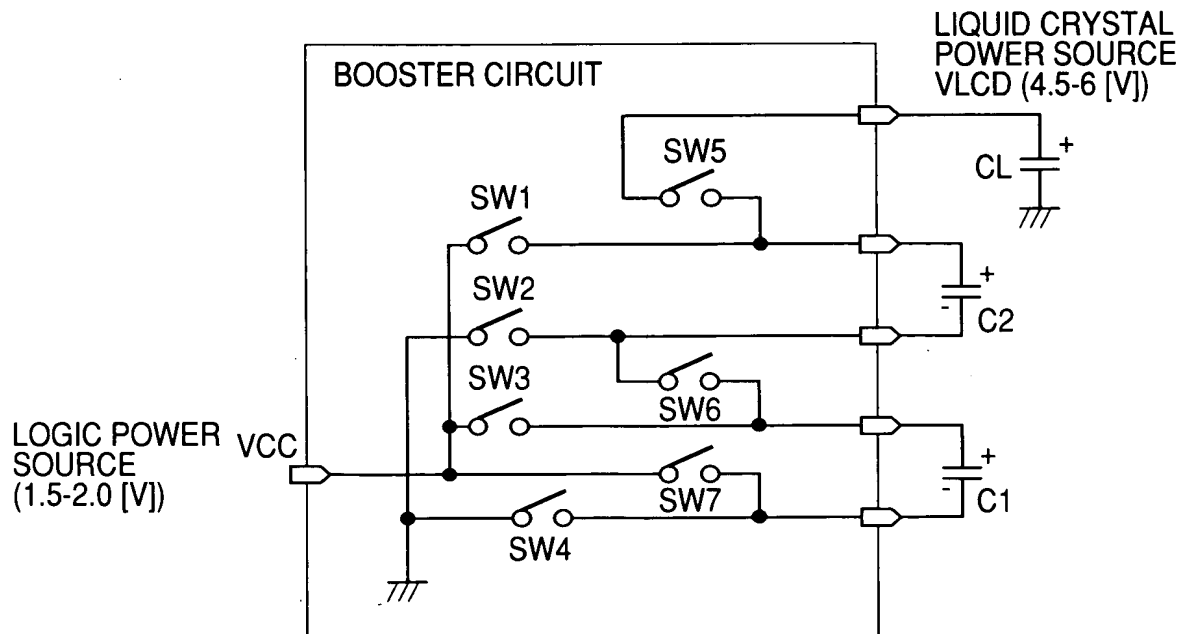
FIG. 9**FIG. 10**

FIG. 11

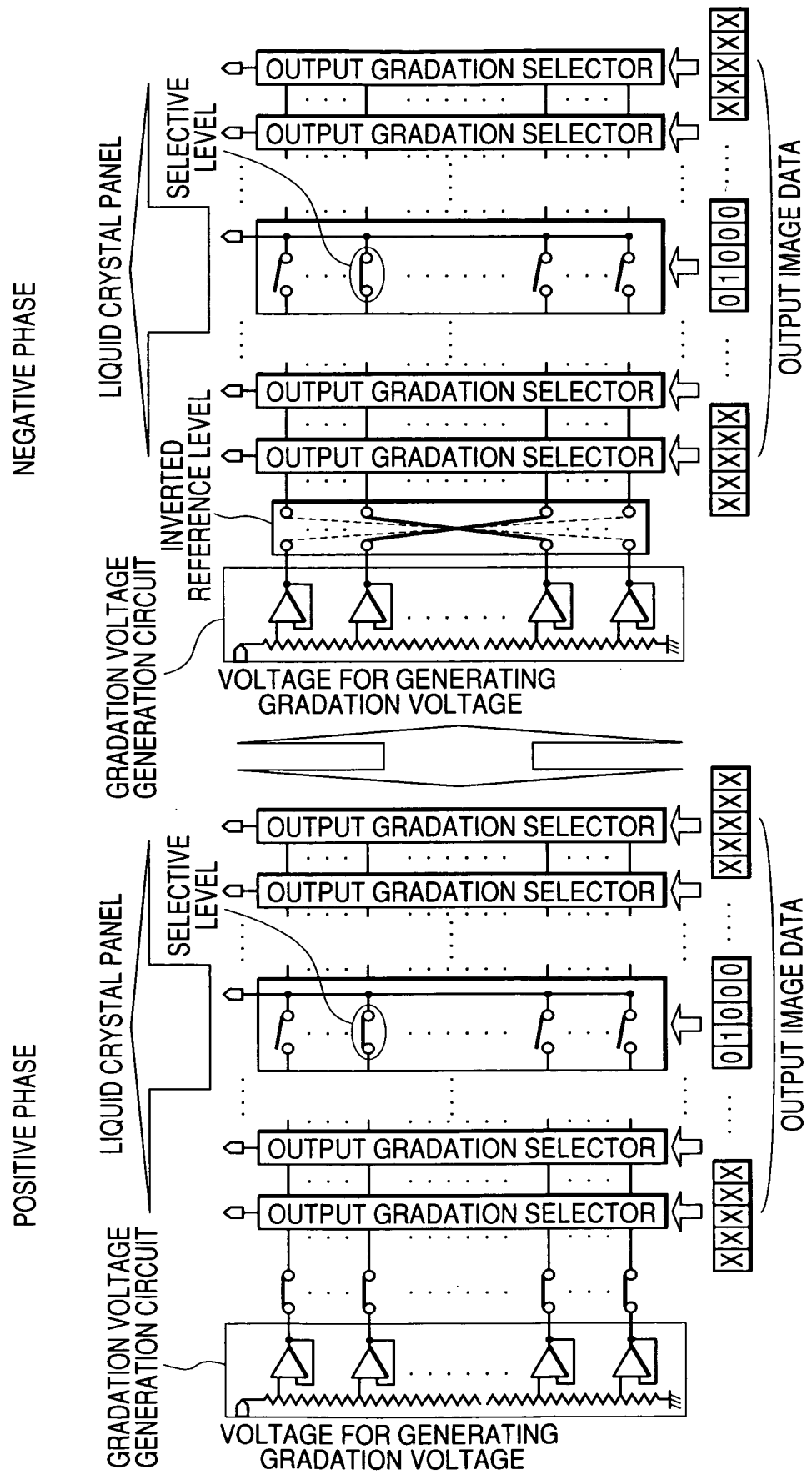
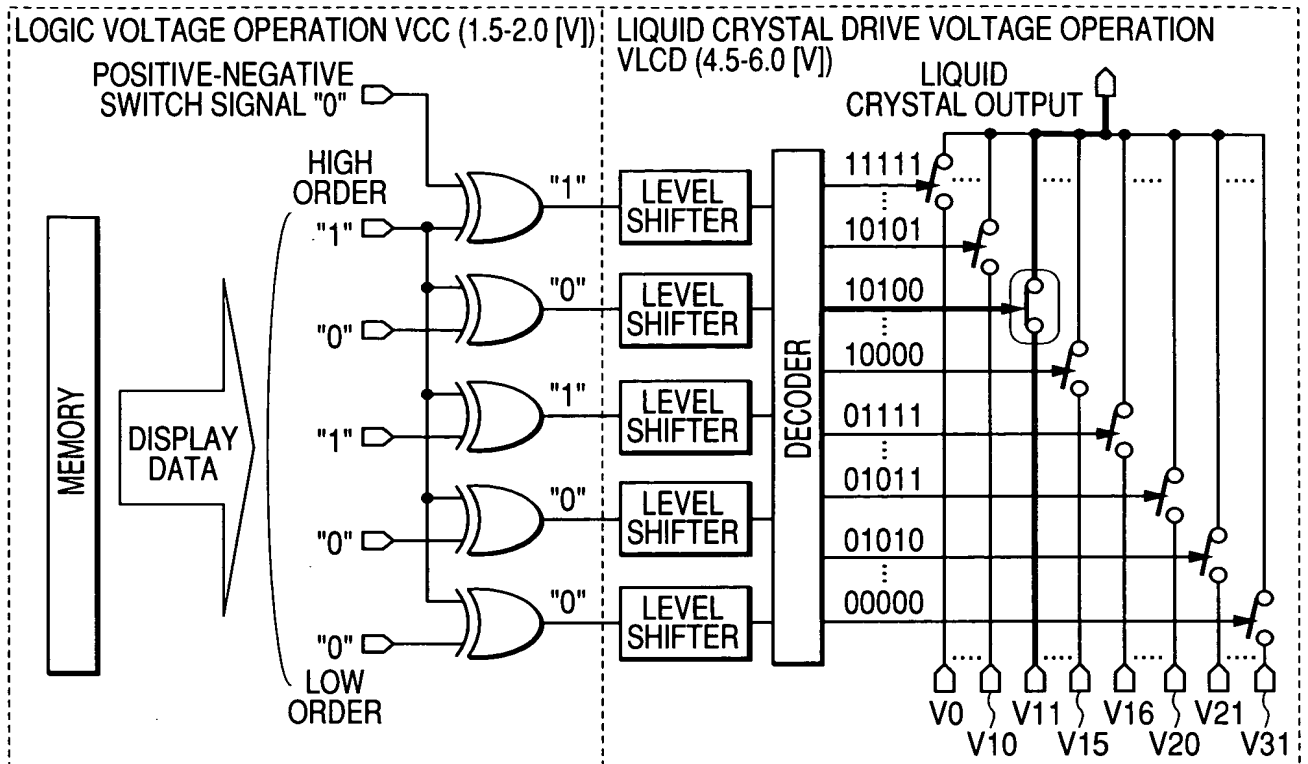


FIG. 12

POSITIVE PHASE: SELECTIVE LEVEL [V11]

**FIG. 13**

NEGATIVE PHASE: SELECTIVE LEVEL [V20]

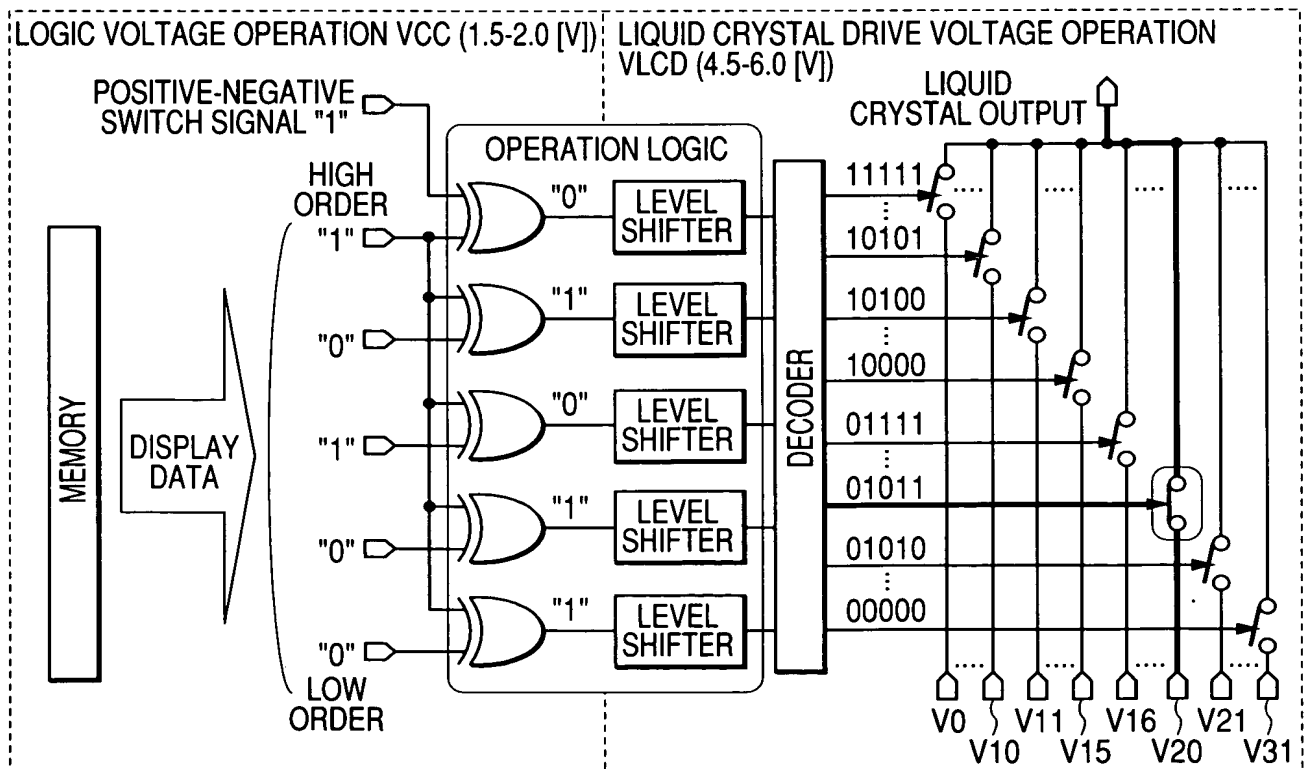
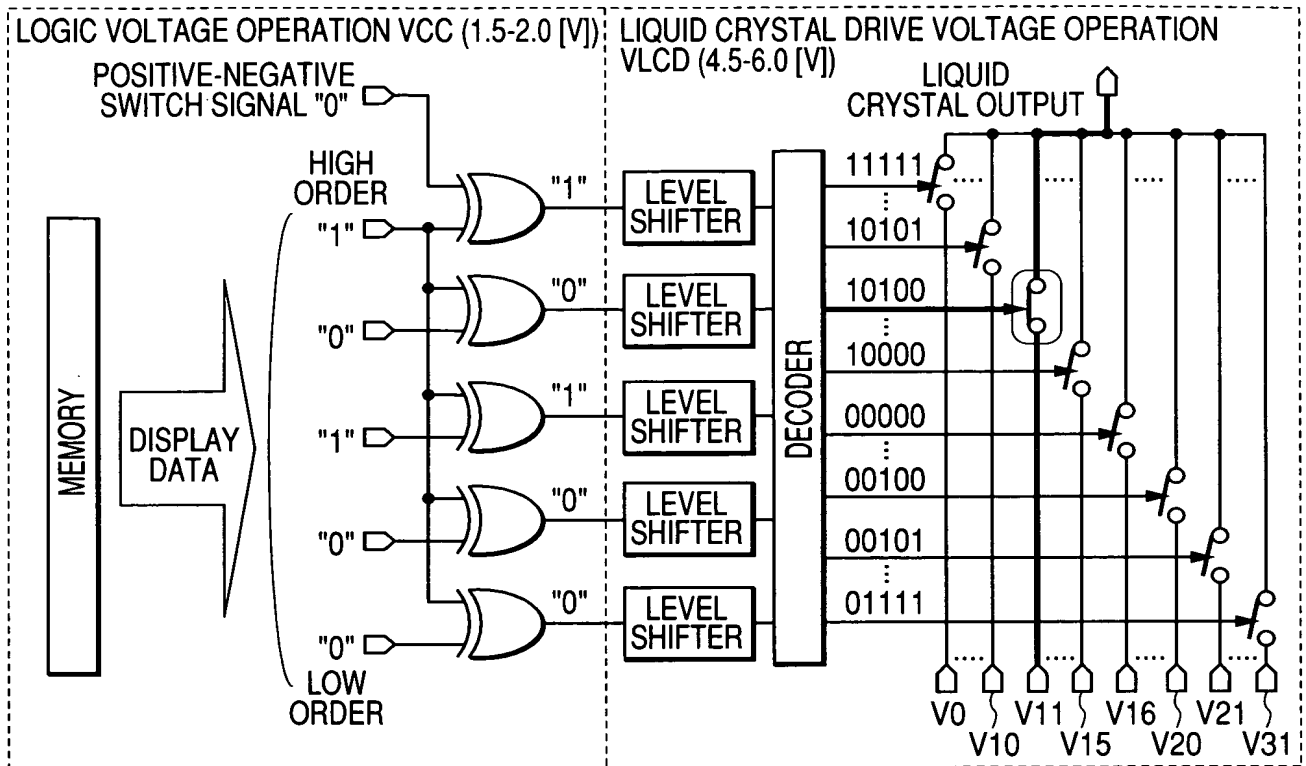


FIG. 14

GRADATION	DISPLAY DATA IN DISPLAY MEMORY	POSITIVE PHASE		NEGATIVE PHASE	
		DATA BIT	SELECTIVE LEVEL	DATA BIT	SELECTIVE LEVEL
GRADATION 0	11111	11111	V0	00000	V31
GRADATION 1	11110	11110	V1	00001	V30
GRADATION 2	11101	11101	V2	00010	V29
GRADATION 3	11100	11100	V3	00011	V28
GRADATION 4	11011	11011	V4	00100	V27
GRADATION 5	11010	11010	V5	00101	V26
GRADATION 6	11001	11001	V6	00110	V25
GRADATION 7	11000	11000	V7	00111	V24
GRADATION 8	10111	10111	V8	01000	V23
GRADATION 9	10110	10110	V9	01001	V22
GRADATION 10	10101	10101	V10	01010	V21
GRADATION 11	10100	10100	V11	01011	V20
GRADATION 12	10011	10011	V12	01100	V19
GRADATION 13	10010	10010	V13	01101	V18
GRADATION 14	10001	10001	V14	01110	V17
GRADATION 15	10000	10000	V15	01111	V16
GRADATION 16	01111	01111	V16	10000	V15
GRADATION 17	01110	01110	V17	10001	V14
GRADATION 18	01101	01101	V18	10010	V13
GRADATION 19	01100	01100	V19	10011	V12
GRADATION 20	01011	01011	V20	10100	V11
GRADATION 21	01010	01010	V21	10101	V10
GRADATION 22	01001	01001	V22	10110	V9
GRADATION 23	01000	01000	V23	10111	V8
GRADATION 24	00111	00111	V24	11000	V7
GRADATION 25	00110	00110	V25	11001	V6
GRADATION 26	00101	00101	V26	11010	V5
GRADATION 27	00100	00100	V27	11011	V4
GRADATION 28	00011	00011	V28	11100	V3
GRADATION 29	00010	00010	V29	11101	V2
GRADATION 30	00001	00001	V30	11110	V1
GRADATION 31	00000	00000	V31	11111	V0

FIG. 15

POSITIVE PHASE: SELECTIVE LEVEL [V11]



POSITIVE-NEGATIVE SWITCH

NEGATIVE PHASE: SELECTIVE LEVEL [V20]

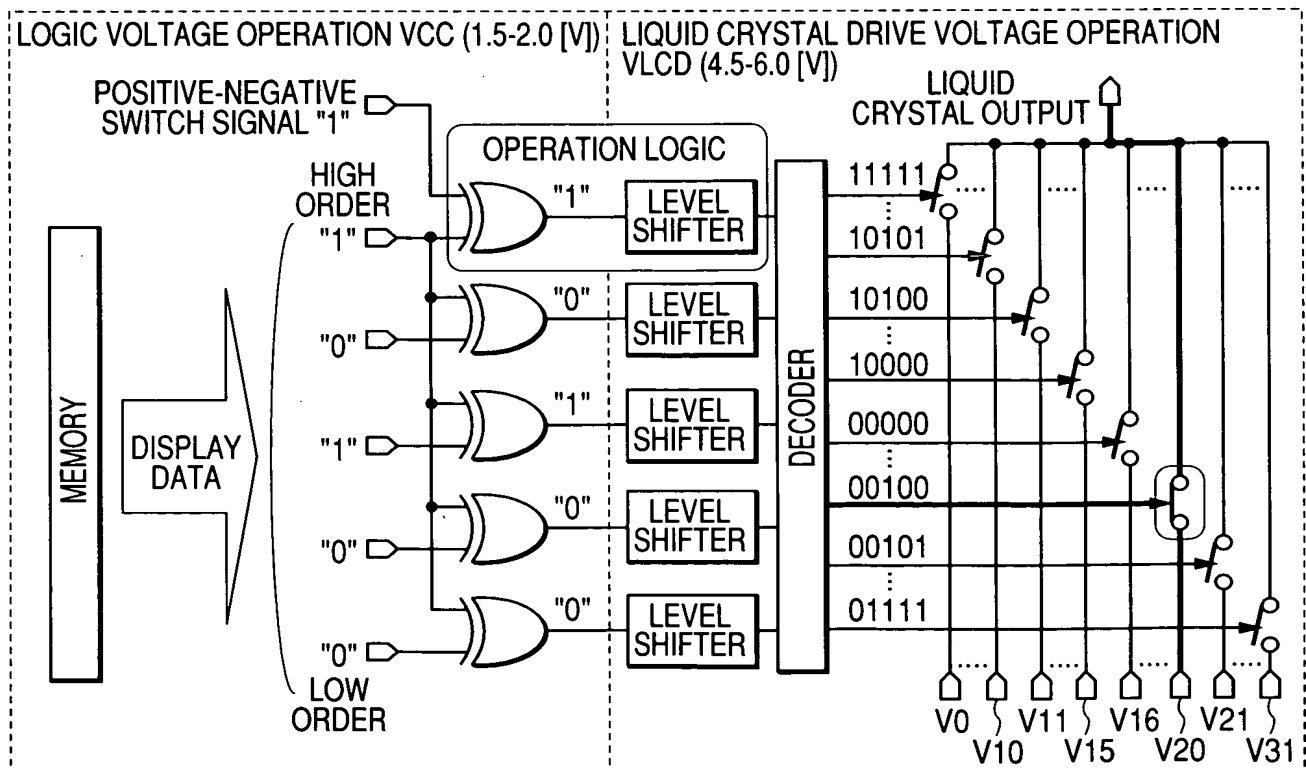


FIG. 16

